


Count	Description
1	<p data-bbox="225 338 544 367"><b>MTR 8-6/6-1 A-WB-A-HUUV</b></p>  <p data-bbox="225 663 491 692">Product No.: <a href="#">98825985</a></p> <p data-bbox="225 723 1197 779">Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc. The pump head and base are in cast iron – all other wetted parts are in stainless steel. The pump has the following characteristics:</p> <ul data-bbox="264 808 1161 927" style="list-style-type: none"> <li>• Installation length according to DIN 5440.</li> <li>• Impellers, intermediate chambers and spline shaft are made of Stainless steel.</li> <li>• Mechanical shaft seal according to EN 12756.</li> <li>• Power transmission via cast-iron split coupling.</li> </ul> <p data-bbox="225 958 1209 1014">A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. The pump is fitted with a 3-phase, fan-cooled asynchronous motor.</p> <p data-bbox="225 1077 472 1106">Immersion depth: 13 in</p> <p data-bbox="225 1137 336 1167"><b>Controls:</b></p> <p data-bbox="225 1167 660 1196">Frequency converter: NONE</p> <p data-bbox="225 1227 312 1256"><b>Liquid:</b></p> <p data-bbox="225 1256 660 1285">Pumped liquid: Water</p> <p data-bbox="225 1285 719 1314">Liquid temperature range: 14 .. 194 °F</p> <p data-bbox="225 1314 651 1344">Selected liquid temperature: 68 °F</p> <p data-bbox="225 1344 708 1373">Density: 62.29 lb/ft³</p> <p data-bbox="225 1404 352 1433"><b>Technical:</b></p> <p data-bbox="225 1433 695 1462">Rated pump speed: 3530 rpm</p> <p data-bbox="225 1462 715 1491">Rated flow: 44 US gpm</p> <p data-bbox="225 1491 655 1520">Rated head: 210 ft</p> <p data-bbox="225 1520 603 1550">Chambers: 6</p> <p data-bbox="225 1550 608 1579">Drainage back to tank: N</p> <p data-bbox="225 1579 675 1608">Pump orientation: Vertical</p> <p data-bbox="225 1608 660 1637">Code for shaft seal: HUUV</p> <p data-bbox="225 1637 788 1666">Curve tolerance: ISO9906:2012 3B</p> <p data-bbox="225 1697 344 1727"><b>Materials:</b></p> <p data-bbox="225 1727 831 1816">Pump head: Cast iron EN 1561 EN-GJL-200 ASTM A48-25B</p> <p data-bbox="225 1816 751 1906">Impeller: Stainless steel EN 1.4301 AISI 304</p> <p data-bbox="225 1937 368 1966"><b>Installation:</b></p> <p data-bbox="225 1966 663 1995">Maximum ambient temperature: 140 °F</p> <p data-bbox="225 1995 703 2024">Maximum operating pressure: 362.59 psi</p> <p data-bbox="225 2024 826 2054">Max pressure at stated temperature: 363 psi / 194 °F</p> <p data-bbox="225 2054 671 2083">Type of connection: NPT(F)</p>



Company name:

Created by:

Phone:

Date:

6/22/2019

Count	Description
	Size of outlet port: 1 1/4 inch
	Immersion depth: 13 in
	Flange size for motor: 182TC
	<b>Electrical data:</b>
	Motor standard: NEMA
	Motor type: 112CA
	IE Efficiency class: NEMA Premium / IE3 60Hz
	Rated power - P2: 5 HP
	Main frequency: 60 Hz
	Rated voltage: 3 x 208-230YY/460Y V
	Service factor: 1.15
	Rated current: 14,1-13,1/7,29 A
	Starting current: 1000-1470 %
	Cos phi - power factor: 0.89-0.86
	Rated speed: 3525-3540 rpm
	IE efficiency: IE3 88,5%
	Motor efficiency at full load: 88.5 %
	Motor efficiency at 3/4 load: 88.6 %
	Motor efficiency at 1/2 load: 85.2 %
	Number of poles: 2
	Enclosure class (IEC 34-5): 55 Dust/Jetting
	Insulation class (IEC 85): F
	Motor Number: 85904389
	<b>Others:</b>
	Terminal box position: 6
	Minimum efficiency index, MEI $\hat{\alpha}\%{\text{€}}$ : 0.70
	Net weight: 125 lb
	Gross weight: 132 lb
	Shipping volume: 4.94 ft <sup>3</sup>
	Country of origin: US
	Custom tariff no.: 8413.70.29